



Patent

Old Attorney's Docket No. 040070-990

New Attorney's Docket No. 0119-031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) **EXPEDITED PROCEDURE**
)
Roozbeh ATARIUS et al.) Group Art Unit: 2631
)
Application No.: 09/518,063) Examiner: BURD, Kevin Michael
)
Filed: March 2, 2000) Confirmation No.: 4673
)
For: Method and Apparatus for Fast Detection)
of Locations of Path Rays in a Receiver)
Having Multiple Time References)

RECEIVE

OCT 15 2004

AFTER FINAL AMENDMENT

Technology Center 2

Mail Stop AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed on July 15, 2004, entry of the following amendments is respectfully requested.

Amendments to the Claims:

Please replace all prior versions, and listings of claims in the application with the following listing of claims.

Listing of claims

Claim 1 (currently amended): A method for detecting locations of path rays in a multi-path channel receiver having multiple time references, the method comprising the steps of:

searching for locations of received path rays;

determining the locations of the received path rays; and

adjusting at least one of the multiple time references according to the determined

location of the received path rays,

wherein the step of searching includes:

determining a probable location of a most significant path ray;

shifting the location within a predetermined interval;